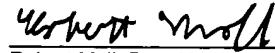




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Robert Moll, Reg. No. 33,741

## **U.S. PATENT AND TRADEMARK OFFICE**

In re Application of: Vikram Kapoor et al.      Examiner: Unknown  
Title: Snapshots of File Systems in Data      Art Unit: 2186  
Storage Systems      Attorney Docket No. Pillar 714  
Application No. 10/616,128  
Filing date: July 08, 2003

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## **INFORMATION DISCLOSURE STATEMENT**

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Dear Examiner:

This Information Disclosure Statement is submitted:

X under 37 CFR 1.97(b), or

(Within three months of filing national application; or date of entry of international application; or before mailing date of first office action on the merits; whichever occurs last)

- under 37 CFR 1.97(c) together with either:
  - a certification under 37 CFR 1.97(e),

Each item of information contained in the information disclosure statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement, or
  - a \$180.00 fee under 37 CFR 1.17(p), or

(After the CFR 1.97(b) time period, but before final action or notice of allowance, whichever occurs first)
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  - Certification under 37 CFR 1.97(e), and
  - a petition under 37 CFR 1.97(d)(2)(ii), and
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Applicant(s) submit copies of patents, publications, and/or other information to be reviewed in examination for which there may be a duty to disclose under 37 CFR 1.56, or

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Please call if you have a question, comment or it will expedite prosecution.

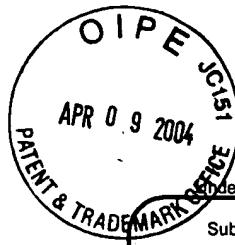
Respectfully submitted,

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Substitute for form 1449/PTO

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(Use as many sheets as necessary)

Sheet

1

of 1

**Complete if Known**

Application Number	10/616,128
Filing Date	07/08/2003
First Named Inventor	Vikram Kapoor et al.
Art Unit	2186
Examiner Name	Unknown

Attorney Docket Number Pillar 714

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> ( <i>if known</i> )			
		US- 6,490,659 B1	12-03-2002	McKean et al.	
		US- 6,484,186 B1	11-19-2002	Rungta	
		US- 6,311,193 B1	10-30-2001	Sekido	
		US- 6,289,356 B1	09-11-2001	Hitz et al.	
		US- 6,247,099 B1	06-12-2001	Skazinski et al.	
		US- 6,205,450 B1	03-20-2001	Kanome	
		US- 5,819,292	10-06-1998	Hitz et al.	
		US- 5,664,186	09-02-1997	Bennett et al.	
		US- 5,317,731	05-31-1994	Dias et al.	
		US- 2002/0133735 A1	09-19-2002	McKean et al.	
		US- 2002/0083037 A1	06-27-2002	Lewis et al.	
		US- 2002/0049718 A1	04-25-2002	Kleiman et al.	
US-					

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> ( <i>if known</i> )				

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**INFORMATION DISCLOSURE  
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**Complete if Known**

<b>Application Number</b>	10/616,128		
<b>Filing Date</b>	07/08/2003		
<b>First Named Inventor</b>	Vikram Kapoor et al.		
<b>Art Unit</b>	2186		
<b>Examiner Name</b>	Unknown		
<b>Attorney Docket Number</b>	Pillar 714		
Sheet 1	of 1		

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		McKUSICK, JOY, LEFFLER, and FABRY, A Fast File System for UNIX, ACM Transactions on Computer Systems, August 1984, pages 181-197, Vol. 2, No. 3, US	
		McKUSICK and GANGER, Soft Updates: A Technique for Eliminating Most Synchronous Writes in the Fast Filesystem, Proceedings of the FREENIX Track: 1999 USENIX Annual Technical Conference, June 6-11, 1999, pages 1-18, Monterey, US	
		ROSENBLUM and OUSTERHOUT, The Design and Implementation of a Log-Structured File System, ACM Transactions on Computer Systems, February 1992, pages 26-52, Vol. 10, No. 1, Berkeley, US	
		ROSENBERG, DEARLE, HULSE, LINDSTROM and NORRIS, Operating System Support for Persistent and Recoverable Computations, Communications of The ACM, September 1996, pages 62-69, Vol. 39, No. 9, US	
		LEE and THEKKATH, Petal: Distributed Virtual Disks, copyrighted 1996, pages 84-92, ACM, Inc. MA, US	

Examiner Signature	Date Considered
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